## MYSORE HORTICULTURAL SOCIETY, LAL-BAGH, BANGALORE.

*Notice dated 6th July* 1936.

The Horticultural Show will be held at Lalbagh on the 1st and 2nd August 1936.

The Public will not be admitted into the Lalbagh from 2 P.M., on the 31st July 1936 to 6 A.M. on the 3rd August 1936, except on business connected with the Show.

ADMISSION FEES.

*Saturday.*—

| | |
|---|---|
| Adults .. .. .. .. | .. Re. 1 each. |
| Children & Students .. .. | .. As. 8 „ |

*Sunday.*—

| | |
|---|---|
| Uniform Rate .. .. .. | .. As. 4 each. |

Indian and European Refreshments will be sold.

The Mysore Infantry Band will play on Saturday.

Schedule of Prizes, Entry Forms and further particulars may be had from the undersigned.

The Garden Competition will be held on 27th July 1936.

Entry Forms may be obtained from the Secretary. They must be returned to him before the 19th July 1936.

M. K. SITARAM CHETTY,
*Honorary Secretary.*

## MYSORE SERUM INSTITUTE, HEBBAL, BANGALORE.

*Notice dated 10th July* 1936.

It is hereby notified that one young medium sized milking cow along with her first calf (bull, aged about two months,) belonging to the institute will be sold by public auction to the highest bidder, on Monday the 27th July 1936 at 12 noon in the Institute premises.

The highest bidder is required to pay the bid amount in full immediately in cash and to remove the cow and the calf from the Institute.

P. U. NAYAR,
*Superintendent in-charge.*

## ELECTRICAL DEPARTMENT.

OFFICE OF THE SUPERINTENDENT, POWER AND LIGHTING, MYSORE.

*Abstract Notification, dated 11th July* 1936.

" The attention of the public is invited to the detailed tender notification, dated 26th June 1936, for the supply of building materials to Mysore Power and Lighting, Mysore, and the Sub-Sections of Mandya, French Rocks, Nanjangud and Seringapatam attached to it, published on pages 1029-1030, of the *Mysore Gazette*, dated 9th July 1936."

A. C. MUNIRATNAM,
*Superintendent.*

OFFICE OF THE EXECUTIVE ENGINEER, C. P. S., SIVASAMUDRAM.

*Notification dated 4th July* 1936.

Notice is hereby given that quotations will be received from piece-work contractors at the Office of the Executive Engineer, Sivasamudram, up to 2 P.M. on Saturday the 1st August 1936, for the different items of works connected with the IX Installation Works, at Sivasamudram. An approximate estimate of quantities is given below ; these quantities are not guaranteed. The rate of progress of the work will be fixed by the Executive Engineer from time to time. If the progress or quality of work is not to the satisfaction of the Executive Engineer, the piece-worker's contract will be cancelled by the Executive Engineer without any notice, after levying such penalty as may be fixed at the time of drawing up the agreement.

2. The plans, detailed estimates and conditions may be seen at the Office of the Executive Engineer, Sivasamudram, during the working hours on any working day.

3. Quotations may be submitted on printed forms which may be obtained from the Executive Engineer. Quotations may be submitted for each item of work separately, as the work is proposed to be executed by piece-work agency through several piece-work contractors.

4. The final acceptance of the quotations of any piece-work will rest with the Executive Engineer, who is not bound to accept the lowest or any quotation or to assign any reason whatever for the rejection of any tender. The Executive Engineer may accept or reject part or whole of any one quotation.

5. Immediately on acceptance of any quotation or part thereof, the piece-work contractor will be bound to eaposit as earnest money five per cent of the value of the work entrusted to him. The earnest money will be refunded only after settlement of the final claims of the contractor. Whenever the rate of progress or quality of work is not satisfactory, a penalty as may be specified by the Executive Engineer in the agreement will be levied, which will be deducted either from the bills or earnest money.

6. Rates for non-quoted and non-estimated items will be fixed by the Executive Engineer from time to time.

7. The rates and Units should be given clearly in words. Any quotation quoted at so much percentage less or more than the estimated rate will not be accepted.

8. In all matters of dispute about rates, quantities, measurements, quality of work, etc., the decision of the Chief Electrical Engineer, will be final and legally binding.

9. Tools and Plant, which are available in the Divisional Stores, will be lent or sold to the piece-workers on the usual terms obtaining in the Electrical Departmeent.

10. Mortar should be machine-ground as per specification to be fixed by the Executive Engineer, in the departmental mortar mills at Sivasamudram, for which a charge at Re. 1-8-0 per day inclusive of running the mill will be levied The contractor should provide at his cost materials and unskilled labour for grinding mortar.

11. The services of the funicular Trolley will be available, free of cost, to the contractor for hauling men and materials whenever it is not required for departmental service.

12. Generally the work will be carried out according to specifications in force in the Public Works Department, except as stated in para (13) below.

13. Specification.—(To be followed generally unless specially mentioned otherwise).

| | |
|---|---|
| (1) Surki concrete .. .. .. | 1 of Surki mortar : $2\frac{1}{2}$ burnt stone jelly $1\frac{1}{2}''$ in size. |
| (2) Surki Mortar .. .. | $1\frac{1}{2}$ of lime : 1 of Surki : 2 of Sand. |
| (3) Cement Concrete (1 : 3 : 6) .. | 1 of Cement : 3 of Sand : 6 of Granite stone jelly, $1\frac{1}{2}''$ size. |
| (4) Cement plaster or Cement mortar .. | 1 of Cement : 3 of Sand. |
| (5) Lime Mortar .. .. | 1 of Lime : 2 of Sand |
| (6) Cement Concrete (1 : 2 : 4) .. | 1 of Cement : 2 of Sand : 4 of Granite stone jelly, $1\frac{1}{4}''$ size. |
| (7) Cement Concrete (1 : 2 : 4) for R.C. slab .. .. .. .. | 1 of Cement : 2 of sand : 4 of Granite stone jelly, $\frac{3}{4}''$ size. |

Abstract Estimate of the probable Cost of Excavation and Construction of Masonry works, such as Pier Thrust Blocks and Cisterns, etc., for laying New Pipe Line No. 8.

| No. | Items of work | Per | Rate | Quantity | Cost | Total cost |
|---|---|---|---|---|---|---|
| | | | Rs. a. p. | | Rs. | Rs. a. p. |
| 1 | Excavation in Hard Rock, removing with wedges and crowbars and by burning and blasting with gunpowder, if necessary including removal of the spoil to a distance of 100′ across cable duct, stacking and forming on hill side, from chainage 952′–$8\frac{1}{2}''$ to 300′–$5\frac{1}{2}''$ .. .. .. .. | C.yd. | 2 0 0 | 2,543.00 | 5,086 | |
| 2 | Excavation in soft rock from 928′-$8\frac{1}{2}''$ to chainage 300′–$5\frac{1}{2}''$ and removing the spoil to a distance of 100′ across cable duct, stacking and forming on hill side .. .. .. .. | ,, | 0 8 0 | 1,183.00 | 592 | |
| 3 | Excavation in gravelly soil including removal of the spoil to a distance of 100′ across cable duct and stacking and forming on hill side, from chainage 860′–$5\frac{1}{2}''$ to 300′–$5\frac{1}{2}''$ .. .. .. | ,, | 0 5 0 | 1,796 | 561 | |
| | Refilling and tamping 20 per cent of the quantities in item 1, 2, 3 in foundations, etc., including conveying through a distance of 100′ .. .. | ,, | 0 3 0 | 1,104 | 207 | |

| Serial No. | Items of work | Unit | Rate | Quantity | Cost | Total cost |
|---|---|---|---|---|---|---|
| | | | Rs. a. p. | | Rs. | Rs. a. p. |
| 5 | Excavation in Hard Rock by wedges, crowbars, blasting with gunpowder or burning, etc., including removal to a distance of 100′, from chainage 280′–5½″ to chainage 30′–0″ .. .. .. | C.yd. | 1 12 0 | 873.25 | 1,528 | |
| 6 | Excavation in soft rock including removal to a distance of 100′ from chainage 280′–5½″ to chainage 30′–0″ | ,, | 0 7 6 | 1,042.92 | 489 | |
| 7 | Excavation in gravelly soil including removal to a distance of 100′ from chainage 280′–5½″ to chainage 30′–0″ .. .. .. .. .. | ,, | 0 4 6 | 2,144 | 603 | |
| 8 | Refilling and tamping the spoil including conveying through a distance of 100′ as per items 5, 6 and 7. | ,, | 0 2 0 | 4,060.17 | 508 | |
| 9 | Providing earthen platforms at 50′ intervals near the trolly line and near the proposed pipe line for stacking materials $\frac{2\times750=}{50}$ Nos. 30 .. .. | No. | 50 0 0 | 30 | 1,500 | |
| 10 | Concrete in Surki mortar with burnt stone jelly (jelly to be not more than 1½″), mortar 1½ lime : 1 surki : : 2 sand Concrete 1 mortar : 2½ stone jelly .. | C.ft. | 0 5 0 | 5,312.00 | 1,660 | |
| 11 | Masonry coursed rubble stone in Surki mortar .. | ,, | 0 7 0 | 18,233.00 | 7,977 | |
| 12 | Constructing Thrust Block with one course of face stones alround in Surki mortar and interior filling up with Surki concrete and with 30 per cent of Random rubble complete. (Surki mortar 1½ : 1 : 2 lime-Surki-Sand), concrete 1 : 2½ Burnt stone jelly .. .. .. .. .. | ,, | 0 6 0 | 19,372.20 | 7,265 | |
| 13 | Cement concrete 1 : 3 : 6 with 1½″ thick jelly including centering arrangements for thrust blocks 1 to 5 (alround the pipes) .. .. .. .. | ,, | 1 0 0 | 1,513.80 | 1,514 | |
| 14 | Cement plastering ½″ thick, 1 : 3 proportion Thrust blocks 1 to 5 .. .. .. .. | Sqr. | 8 0 0 | 7.86 | 63 | |
| 15 | Providing 1½″ dia. M.S. holding down bolts 1⅛″ dia. upper and lower tie-rods, 5″ × ¾″ M.S. circular straps, Bull headed rails of 84 lbs. per yard, etc., for re-inforcement in Thrust Blocks, etc. .. | Cwt. | 10 0 0 | 73.25 | 733 | |
| 16 | Constructing rough stone revetment with the available stones on the hill side for protecting the spoil banks on the hill side with a lead of 100 ft. across cable duct and at intervals of nearly 50 ft. .. | C.yd. | 1 0 0 | 2,246 | 2,246 | |
| 17 | Providing strong and thick bamboo ramps, including strong supports, etc., across cable duct and across pipe lines, 7, 9, 10, 11 and 12 at 50′ intervals .. | S.ft. | 0 0 6 | 23,400 | 731 | |
| 18 | Providing strong and thick bamboo barricades with necessary strong supports, etc., at every 100 ft. interval to prevent spoil rolling down hill .. | ,, | 0 0 6 | 5,600.00 | 175 | |
| 19 | Clearing jungle growth on the hill side, including removing roots, etc., from Thurst block 1 to 4 .. | S.yd. | 0 0 1 | 8,333.00 | 43 | |
| 20 | Removing the old rough stone revetment, coming across the proposed pipe line No. 8 and stacking. | C.yd. | 0 4 0 | 200.00 | 50 | |
| 21 | Dismantling and removing old masonry in the existing pipe line Nos. 8 and 9 and sorting out available stones into faced stones and rubble stones .. | C.ft. | 0 0 9 | 29.910 | 1,402 | |
| 22 | Dismantling and removing old concrete in Thrust Blocks in the existing pipe line Nos. 8 and 9 .. | ,, | 0 1 0 | 15.714 | 982 | |
| 23 | Forming tracks and platforms .. .. .. | L.S. | .. | .. | 500 | |
| 24 | Providing tap connections for supplying water for masonry—1,300 R.ft. of 1″ dia. pipe with Tees, bends and valves at 100′ intervals including removing .. .. .. .. .. | L.S. | .. | .. | 500 | |
| 25 | Providing R.C. or wrought iron corrugated rings or saddles below pipe on every pier for draining off water and preventing rust .. .. .. | Each | 50 0 0 | Nos. 31 | 1,550 | |

*Note.*—Departmental Trolly will be made available, free of cost, to the contractor for hauling men and materials whenever it is not in demand for departmental purposes.

Abstract Estimate of the probable cost of constructing Forebay intake and Valve Chambers for New Penstock Pipe No. 8 at Sivasamudram.

(By remodelling the Chambers of old No. 8 and 9 Penstock.)

| Serial No. | Items of work | Unit | Rate | Quantity | Cost | Total |
|---|---|---|---|---|---|---|
| | | | Rs. a. p. | | Rs. | Rs. a. p. |
| 1 | Providing and removing a ring bund with sand bags and clay, etc., to stop water across the existing intake chambers of 8 and 9 .. .. .. | C.ft. | 0 4 0 | 4,000 | 1,000 | |
| 2 | Erecting wooden stop logs in grooves and filling with clay and removing .. .. .. .. | S.ft. | 0 8 0 | 824 | 412 | |
| 3 | Removing gates and gate equipments I beams, trash racks and buried pipes, etc., and conveying them to stores .. .. .. .. .. | Ton | 50 0 0 | 30 | 1,500 | |

| Serial No. | Items of work | Unit | Rate | Quantity | Cost | Total cost |
|---|---|---|---|---|---|---|
| | | | Rs. a. p. | | Rs. | Rs. a. p. |
| 4 | Dismantling existing masonry and concrete in surki mortar and removing spoil to a distance of 100′ and forming .. .. .. .. | C.ft. | 0 0 9 | 7,098 | 333 | |
| 5 | Excavation for foundation in hard gravel including removing it to a distance of 100′ and forming .. | C.yd. | 0 4 6 | 2,008 | 565 | |
| 6 | Excavation in Hard Rock by wedges and crow bars including burning and removing it to a distance of 100′ and forming .. .. .. .. | ,, | 1 12 0 | 56.27 | 98 | |
| 7 | Pumping out water during construction .. .. | Actual cost plus 10% | | | | |
| | | L.S. | .. | .. | 1,000 | |
| 8 | Surki concrete for foundations .. .. .. | C.ft. | 0 4 0 | 3,330 | 833 | |
| 9 | Coursed rubble in surki mortar .. .. .. | ,, | 0 5 6 | 8,980 | 3,087 | |
| 10 | Size stone in lime mortar proportion—1 of lime and 2 of sand .. .. .. .. | ,, | 0 5 0 | 2,950 | 922 | |
| 11 | Cement concrete with granite jelly (1 : 2 :4) with centerings .. .. .. .. | ,, | 1 0 0 | 915 | 915 | |
| 12 | Reinforced cement concrete slab, 6″ thick with centerings .. .. .. .. | ,, | 2 0 0 | 135 | 270 | |
| 13 | Cement plastering 1″ to 1½″ thick 1: 3 proportion .. | Sqr. | 9 0 0 | 12.00 | 108 | |
| 14 | Cement plastering ½″ thick 1 : 3 proportion .. | ,, | 6 0 0 | 13.00 | 78 | |
| 15 | Cement pointing 1″ to 1½″ thick 1 : 2 .. .. | ,, | 4 8 0 | 13.50 | 61 | |
| 16 | Cement pointing ¾″ to 1″ thick 1 : 3 .. .. | ,, | 3 12 0 | 10.00 | 38 | |
| 17 | Scraping out joints of old masonry cleaning, inserting reinforcements using cement for old and new masonry and repairing exposed faces of dismantled portions .. .. .. .. .. | Rate to be fixed on data. | | | | |
| | | L.S. | .. | .. | 200 | |
| 18 | Steel work including fixing in position and painting. | Cwt. | 12 0 0 | 119.50 | 1,434 | |
| 19 | Mild Steel sheets ¼″ thick, including tarring, etc., complete .. .. .. .. .. | ,, | 12 0 0 | 78.25 | 939 | |
| 20 | Providing heavy timbering to support No. 10, intake chamber wall during construction .. .. | Rate to be paid on data. | | | | |
| | | L.S. | .. | .. | 500 | |
| | Total .. | .. | .. | .. | .. | .. |

---

*Notification dated 3rd July* 1936.

Notice is hereby given that quotations will be received from piece-work contractors at the Office of the Executive Engineer, Sivasamudram, up to 2 P.M. on Saturday the 1st August 1936, for the different items of works connected with the IX Installation Works, at Sivasamudram. An approximate estimate of quantities is given below; these quantities are not guaranteed. The rate of progress of the work will be fixed by the Executive Engineer from time to time. If the progress or quality of work is not to the satisfaction of the Executive Engineer, the piece-worker's contract will be cancelled by the Executive Engineer, without any notice, after levying such penalty as may be fixed at the time of drawing up the agreement.

2. The plans, detailed estimates and conditions may be seen at the Office of the Executive Engineer, Sivasamudram, during the working hours on any working day.

3. Quotations may be submitted on printed forms which may be obtained from the Executive Engineer. Quotations may be submitted for each item of work separately, as the work is proposed to be executed by piece-work agency through several piece-work contractors.

4. The final acceptance of the quotations of any piece-work will rest with the Executive Engineer, who is not bound to accept the lowest or any quotation or to assign any reason whatever for the rejection of any tender. The Executive Engineer may accept or reject part or whole of any one quotation.

5. Immediately on acceptance of any quotation or part thereof, the piece-work contractor will be bound to deposit as earnest money five percent of the value of the work entrusted to him. The earnest money will be refunded only after settlement of the final claims of the contractor. Whenever the rate of progress or quality of work is not satisfactory, a penalty as may be specified by the Executive Engineer in the agreement will be levied, which will be deducted either from the bills or earnest money.

6. Rates for non-quoted and non-estimated items will be fixed by the Executive Engineer from time to time.

7. The rates and Units should be given clearly in words. Any quotation quoted at so much percentage less or more than the estimated rate will not be accepted.

8. In all matters of dispute about rates, quantities, measurements, quality of work, etc., the decision of the Chief Electrical Engineer, will be final and legally binding.

9. Tools and Plant, which are available in the Divisional Stores, will be lent or sold to the piece-workers on the usual terms obtaining in the Electrical Department.

10. Mortar should be machine-ground as per specification to be fixed by the Executive Engineer, in the departmental mortar mills at Sivasamudram, for which charges at Re. 1-8-0 per day inclusive of running the mill will be levied. The contractor should provide at his cost materials and unskilled labour for grinding mortar.

11. The services of the funicular Trolley will be available, free of cost, to the contractor for hauling men and materials whenever it is not required for departmental service.

12. Generally the work will be carried out according to specifications in force in the Public Works Department, except as stated in para (13) below.

13. Specifications.—

(1) Surki Mortar .. .. .. 1½ Lime : 1 Surki : 2 Sand.

(2) Cement and Surkhi Composition Mortar .. .. .. 1 Cement : 8 Surki Mortar.

(3) Surki Concrete .. .. .. 1 Surki Mortar : 2½ Granite Jelly, 1½" size.

(4) Cement Concrete .. .. .. 1 Cement : 3 Sand : 6 Granite Jelly.

(5) Cement Concrete for grouting machinery sides .. .. .. 1 Cement : 2 Sand : 4 Granite Jelly.

---

Abstract Estimate for excavating, and constructing cement concrete foundations for New No. 8 Generator and Turbine in Generating Station, at Sivasamudram.

| Serial No. | Particulars | Unit | Rate | Quantity |
|---|---|---|---|---|
| | | | Rs. a. p. | |
| 1 | Excavation in cement concrete for foundations, and removing debris outside Generating Station .. | C.yds. | 3 6 0 | 470 |
| 2 | Excavating in earth and gravel and refilling in pipe line and retaining wall in cable room, and removing the spoil outside the Generating Station, and forming .. .. .. .. .. | ,, | 0 5 0 | 43 |
| 3 | Excavation in soft rock and removing spoil outside the Generating Station .. .. .. .. | ,, | 0 7 6 | 263 |
| 4 | Dismantling stone masonry wall including removing debris outside the Generating Station .. .. | ,, | 1 4 3 | 53 |
| 5 | R.S. Beams including fixing, etc.,complete .. | Cwt. | 11 0 0 | 31.3 |
| 6 | Cement concrete for foundations, etc., including centerings .. .. .. .. .. | C.ft. | 0 12 0 | 12,350 |
| 7 | Granite Jelly concrete in surki mortar .. .. | ,, | 0 5 0 | 330 |
| 8 | Rough stone in surki mortar .. .. .. | ,, | 0 3 0 | 6,790 |
| 9 | Coursed rubble in surki mortar .. .. .. | ,, | 0 6 0 | 132 |
| 10 | Cement mortar 1 : 2 plastering ½" thick after raking joints 1" deep .. .. .. .. | Sqr. | 6 0 0 | 20.5 |
| 11 | First Class Mangalore tile flooring with tiles (9"×9") over 6" bed of Surki concrete and cement pointed. | ,, | 30 0 0 | 9.5 |
| 12 | Providing and fixing R.C. Slabs 3" thick for covering on top of cable duct .. .. .. | S.ft. | 0 12 0 | 56 |
| 13 | Miscellaneous charges like, baling water, shoring, and barricades .. .. .. .. .. | Actual cost plus 10% profit. | | Rs. 1,000 |
| 14 | Grouting for "Generator and Turbine Sides, etc.," with cement concrete, 1 cement : 2 sand : 4 Granite jelly : .. .. .. .. | C.ft. | 0 12 0 | About 500 C.ft. |

Abstract Estimate for constructing the submerging Pit and Toe Wall for New No. 8 Generator and Turbine at Sivasamudram.

| Serial No. | Particulars | Unit | Rate | Quantity |
|---|---|---|---|---|
| | | | Rs. a. p. | |
| 1 | Excavation in soft rock and boulders, and refilling foundation trenches including removal of debris to a distance of 50 to 100 feet away .. .. | C.yd. | 2 8 0 | 530 |
| 2 | Dismantling stone masonry in surki mortar, and stacking stones for use .. .. .. | ,, | 1 4 3 | 4 |
| 3 | Removing existing apron and stacking for constructing a new apron .. .. .. .. | ,, | 1 0 0 | 488 |
| 4 | Benching hard rock 3″ to 6″ deep and cleaning, etc. | S.ft. | 0 8 0 | 1,265 |
| 5 | Granite stone jelly concrete in cement mortar with centerings wherever needed .. .. .. | C.ft. | 0 12 0 | 149 |
| 6 | Granite stone jelly concrete in cement and surki composition mortar for foundations .. .. | ,, | 0 7 0 | 3,259 |
| 7 | Granite stone jelly concrete in surki mortar for flooring of submerging Pit, etc. .. .. .. | ,, | 0 6 0 | 2,757 |
| 8 | Rough stone in surki mortar .. .. .. | ,, | 0 3 0 | 2,704 |
| 9 | Coursed rubble in cement and surki composition mortar, including bond stones, and cement mortar (1 : 2) pointing .. .. .. .. | ,, | 0 7 0 | 6,920 |
| 10 | Coursed rubble in surki mortar .. .. .. | ,, | 0 6 0 | 2,633 |
| 11 | Cement mortar 1 : 2 plastering $\frac{1}{2}$″ = $\frac{3}{4}$″ thick after raking joints 1″ to 1$\frac{1}{2}$″ deep .. .. .. | Sqr. | 7 0 0 | 23.7 |
| 12 | Cement mortar (1 : 2) pointing after raking joints from $\frac{3}{4}$″ to 1$\frac{1}{2}$″ deep .. .. .. .. | ,, | 4 0 0 | 36.2 |
| 13 | (*a*) Rough stone apron with big stones taken from available stones in the river bed, and old dismantled stones, etc., including cement and surki composition mortar concrete grouting 9″ deep, and including filling up voids with boulders and jelly. | C.yd. | 2 8 0 | 122 |
| | (*b*) Do do without grouting .. | ,, | 1 0 0 | 121 |
| 14 | Bunding with sand bags, baling water, etc. .. | Actual cost plus 10% | | Rs. 2,000 |
| 15 | Providing and fixing A.C.I. 10″ diameter, 8′ long pipe and another c. I 3″ dia. and 5′ long pipe in retaining walls .. .. .. .. .. | Do | Do | Rs. 20 |

B. KRISHNA RAO,
*Executive Engineer.*

## OFFICE OF THE DIRECTOR OF AGRICULTURE IN MYSORE, BANGALORE.

*Abstract Notification No.* 400—*C.E., dated* 15—24*th June* 1936.

The attention of the public is hereby invited to the detailed notification, published in the *Mysore Gazette*, dated 2nd July 1936, Part VI, page 982, regarding the auction sale of serviceable articles of furniture, etc., belonging to the cost of Production Enquiry Scheme of the Imperial Council of Agricultural Research.

B. SANKAR RAO BADAMI,
For *Director of Agriculture.*